

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : YAMAHA MOTOR CO LTD

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(72)Inventor : SATO MINORU
NAKAI MASAO

(54) SLIDE RAIL SUSPENSION OF SNOWMOBILE

(57)Abstract:

PURPOSE: To improve the riding comfortableness, by arranging two engaging positions for a torsion spring.

CONSTITUTION: One end of the torsion spring 16 is engaged with an under edge of a side wall of a truck housing 2 to constitute a fixed side end 16a, and the other end extends to a sliding rail 8 and engages with the rail 8 to constitute a movable side end 16b. The torsion spring 16 forces down the sliding rail 8 by its resiliency to provide the truck 7 with a cushioning force and a force to contact with the snow. In this suspension, to displace the engaging position of the movable side end 16b of the torsion spring 16 from its intermediate position over the slide rail 8 to the bearing side of the spring 16, two engaging members 18 are provided. Thus, according to the larger or little displacement, enough cushioning effect can be obtained.



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